

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method for transmitting orthogonal frequency division multiplexing (OFDM) signals, the method comprising:
 - (a) coding the OFDM signals;
 - (b) forming a block of N coded data and dividing the block into L M-sized small blocks, where N, M and L indicate integers of 1 or more, and $L = N/M$, the N coded data forming the one block being expressed by X_n , where $n = 0, 1, \dots, N - 1$, each of the L small blocks X'_l , where $l = 0, 1, \dots, L - 1$, being divided based on the relationship $X'_l = X_{lM+v} = X_n$, $n = lM + v$, $l = 0, 1, \dots, L - 1$, $v = 0, 1, \dots, M - 1$;
 - (c) M-point inverse fast Fourier transforming the L small blocks;
 - (d) combining L M-point inverse fast Fourier transformed blocks, and generating an N-sized inversely-transformed block;
 - (e) attaching a cyclic prefix to the N-sized inversely-transformed block; and
 - (f) transforming the blocks having the attached cyclic prefix, into an analog signal and transmitting the transformed analog signal.

2. (Currently Amended) The method of claim 1, wherein ~~when N-coded~~

~~data forming the one block are expressed by X_n , where $n = 0, 1, \dots, N - 1$, each of the L~~

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